

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE J		PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 0002		3. EFFECTIVE DATE 20-Mar-2009		4. REQUISITION/PURCHASE REQ. NO. F1N3BC9027A001		5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE FA3022 14 CPTS-CONS/LGCA-FA3022 555 SEVENTH STREET SUITE 113 ENGR TEAM COLUMBUS AFB MS 39710-1006		7. ADMINISTERED BY (If other than item 6) CODE See Item 6					
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)				<input checked="" type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO. FA3022-09-R-0003			
				<input checked="" type="checkbox"/> 9B. DATED (SEE ITEM 11) 13-Mar-2009			
				10A. MOD. OF CONTRACT/ORDER NO.			
				10B. DATED (SEE ITEM 13)			
CODE		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).							
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D. OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this Amendment is to insert Attachment 6 into solicitation FA3022-09-R-0003. (See Summary of Changes)							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				TEL: _____ EMAIL: _____			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Signature of person authorized to sign)				BY _____		23-Mar-2009	
				(Signature of Contracting Officer)			

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

- a. Attachment 6 is inserted to list of attachments and attached to file of Solicitation FA3022-09-R-0003.
- b. All other terms and conditions remain unchanged.

SECTION J - LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS

The following have been modified:

ATTACHMENTS

Attachment 1- Wage Determination #MS080133, Building, dated 08/22/2008, Pages 1-3

Attachment 2- Statement Of Work, dated 26 January 2009, Pages 1-2

Attachment 3- Form 66 Submittals, dated 29 Jan 09, Page 1

Attachment 4- Drawing of Tower Facility 355, dated 10 Dec 82, pages 1, NOTE: Drawing IS NOT to be used for design purposes and should only be used for initial dimensions and estimation. Contractor are responsible for verifying all measurements and site conditions. Paint scheme IS NOT the same. Drawing is to be used for measurements only.

Attachment 5- Background Investigation Policy, dated Mar 09 2009, pages 1-6

Attachment 6- Inspection Report of Water Tower Facility 355, dated 3/13/2008, pages 1-22

(End of Summary of Changes)



Utility Service Co.

I N C O R P O R A T E D

127 Creekside Drive
Canton, Mississippi 39046
(601) 862-0660
Fax (601) 510-9626

200,000 Gallon "Facility 355 Tank" Elevated Water Storage Tank Inspection Report

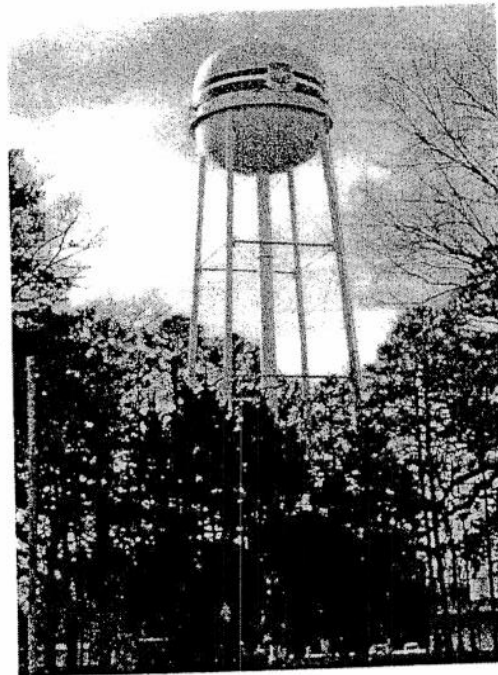
Columbus Air Force Base, MS

Prepared For:

Columbus AFB, MS
Mr. Don Young

Prepared By:

Brad Brown
3/13/2008



General Information

INTRODUCTION

On March 13, 2008, Utility Service Co., Inc conducted a Washout inspection of the 200,000 gallon elevated water storage tank. The purpose of the inspection was to determine the condition of the **coatings** and **structure**, and evaluate the tank for compliance with **sanitation** guidelines and **safety** regulations in accordance with MDEQ and AWWA guidelines.

The information gained from this inspection will be used to compile recommendations for ongoing maintenance and to offer a contractual agreement to provide this service. In this report, you will find a description of the condition of this tank along with photographs to support the recommendations.

TANK DETAILS

CAPACITY:	200,000 Gallons	DESIGN:	Elevated
INSPECTION DATE:	March 13, 2008	INSPECTOR:	Brad Brown
CONSTRUCTION STYLE:	Welded	CONSTRUCTION DATE:	Unknown
BUILDER:	Pittsburg	HEIGHT/ DIMENSION:	4"
EXTERIOR COATING:	Acrylic	EXTERIOR LEAD PRESENCE:	Present
INTERIOR COATING:	Epoxy	INTERIOR LEAD PRESENCE:	Present

Exterior Coating Conditions

RISER, LEGS AND STRUCTURAL MEMBERS

The exterior coating system is in good to fair condition. The appearance of the coating system is fair. The exterior coating system exhibits chalking, mildew growth, areas of corrosion, and delaminating paint. The adhesion taken on the legs and riser is poor.

TANK BOWL

The coating system on the tank bowl is in fair condition, but if consistent with the rest of the tank will have poor adhesion as well.

TANK SIDEWALLS, ROOF AND CATWALK

The exterior coating system on the tank sidewalls and roof are in fair coatings condition. The catwalk is in fair to poor condition with large areas of corrosion and steel pitting. The exterior coating system overall exhibits chalking, areas of corrosion; mildew growth and flaking.

RECOMMENDATIONS

- The exterior coating system is past the end of its life expectancy and should be properly removed and the lead based coatings disposed of. A complete containment and 3 coat system should be utilized immediately.

Interior Coating Conditions

ROOF AND AREA ABOVE HIGH WATER LEVEL

The interior coating system on the roof plates and the area above the high water level is in poor coatings condition with flash rust and heavy corrosion on 35% of the substrate. The interior coating system exhibits corrosion around areas of the dollar plate and above the high water level.

SIDEWALLS

The interior coating system on the tank sidewalls is in poor condition with near complete coatings failure and heavy corrosion. Areas of heavy blistering and steel loss are on over 75% of the substrate.

BOWL

The interior coating system on the tank bowl is consistent with the coatings failure on the sidewall. Heavy debris from the anodes was removed during the interior washout inspection.

WET RISER

The interior coating system on the tank riser is in extremely poor condition with heavy blistering and corrosion on 80% of the wet riser. More leaks will begin to form over time if immediate action is not taken.

RECOMMENDATIONS

- The interior coating system has completely failed and is not providing the substrate any corrosive protection below the water level. The interior coating system will need repair welds and a complete SSPC-SP #10 blast.

Safety, Sanitation, and Structural Conditions

SAFETY

Ladders

The exterior access ladders comply with current OSHA Standards and AWWA guidelines, but do contain a recalled safety climb system. The dome ladder also contains a safety climbing device that is not secure. This tower is not equipped with an inadequate ladder gate to prevent unauthorized access. **It is recommended to install a proper ladder gate to the access ladder and replace the access and dome ladder safety climbs with cable climbs.**

Balcony, Balcony Railing

The balcony and balcony railing does not comply with current OSHA and AWWA that states: a balcony handrail system should not have an opening larger than 19". A balcony mid-strip should be installed.

Aviation Warning Lights

This tower is equipped with an aviation warning light system.

Riser Access Hatch

The riser access hatch is a clamped manway and complies with current OSHA standards and AWWA guidelines. It is recommended to install a new 24-30" bolted access hatch.

Secondary Access Hatch

This tower is not equipped with a secondary access hatch.

SANITATION

Roof Hatch

The 24" diameter roof hatch meets current OSHA standards and AWWA guidelines which require that roof hatch be a minimum of 24 inch diameter and be framed 4" to 6" above the surface of the roof at the opening and that it should be fitted with a solid watertight cover which overlaps the framed opening and extends down around the frame a minimum of two inches to prevent contaminated rainwater from entering the tank. The roof hatch is in good and serviceable condition.

Roof Vent

AWWA guidelines require that a tank have a vent, which is both freeze-proof and insect-proof, on the top of the tank to prevent contamination from birds, bats and insects. These guidelines also suggest the screen be protected from direct contact with the elements. This tower is equipped with a noncompliant vent. The current vent and vent screen provide adequate water tight protection. It is recommended to replace the small vent with a new aluminum 24" vent.

Overflow

The overflow pipe does not meet current AWWA guidelines which require the overflows on elevated tanks; standpipes discharge at an elevation no higher than 12 to 24 inches above ground and discharge over a drainage inlet structure or splash plate. The overflow pipe discharges into a covered concrete collection basin. The overflow pipe is not equipped with a protective flapper, but does contain a screen. It is recommended to extend the OF to the ground level.

STRUCTURAL

Foundations

The concrete foundations are not coated to prevent freeze-thaw damage. The foundations and grouting appear to be in good condition. **It is recommended to coat the top of the concrete foundations with epoxy.**

Wind Rods

The wind rods appear to be in good structural condition.

Anchor Bolts

The anchor bolts appear to be tight and in sound condition.

SECURITY

Security Fence

This tank site does not contain a locked security fence.

Ladder Gate

The leg access ladder does not contain a proper ladder gate to prevent unauthorized access onto the ladder.

Locked Roof Hatch

The roof hatch was not locked at the time of our inspection. A lock was installed during the inspection.

SUMMARY AND RECOMMENDATIONS

SUMMARY

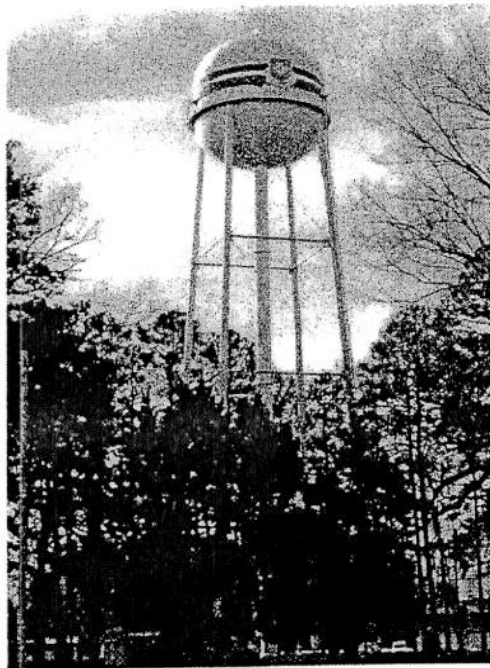
Overall this water storage tower is in fair to poor condition. The exterior coating system should be blasted and recoated. The interior coating system should be properly removed and re-lined immediately. In addition to the exterior and interior coating conditions, several additional modifications are recommended to bring this tank into current standards.

RECOMMENDATIONS

- Blast and coat the Exterior.
- Blast and coat the Interior
- Install balcony holes to prevent further water collection.
- Install overflow pipe to the ground and flapper/screen.
- Install riser grate for fall protection.
- Install access and dome ladder safety climb devices.
- Install new 12" aluminum vent.
- Install ladder gate on access ladder to prevent unauthorized access.
- Get the tank on a preventative maintenance schedule to be washed out and inspected bi-annually, cover emergency services, and future renovations.

200,000 Gallon Elevated Water Tank

Columbus AFB, MS Facility 355



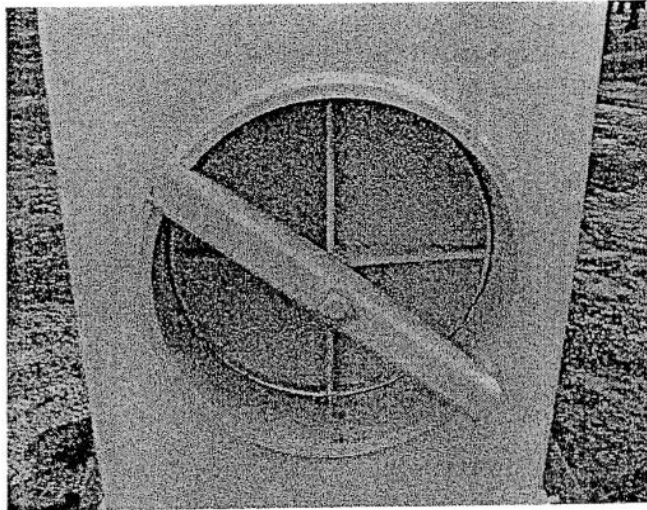


Photo #1 Current access meets OSHA standards.

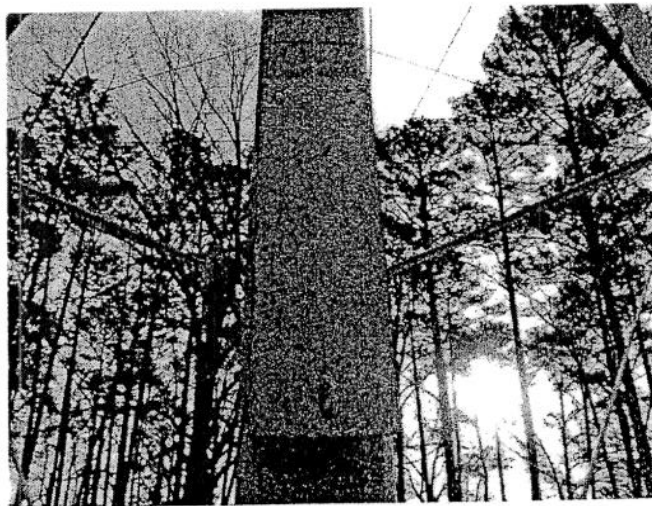


Photo #2 Access leg ladder gate does not provide adequate protection.

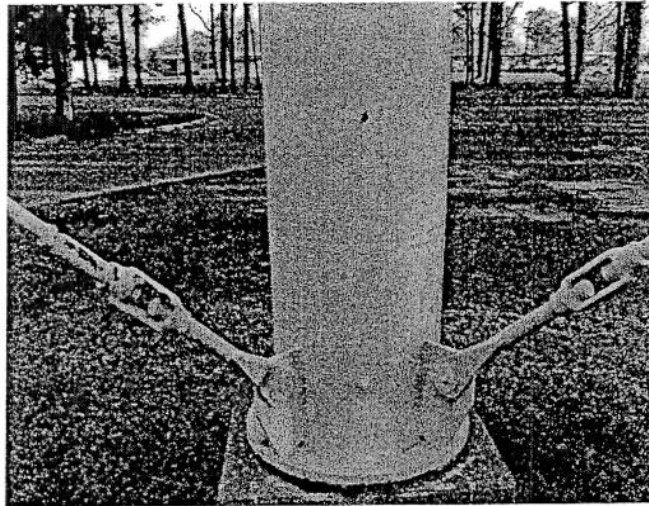


Photo #3 Exterior Coating System on the leg and wind rod connection.

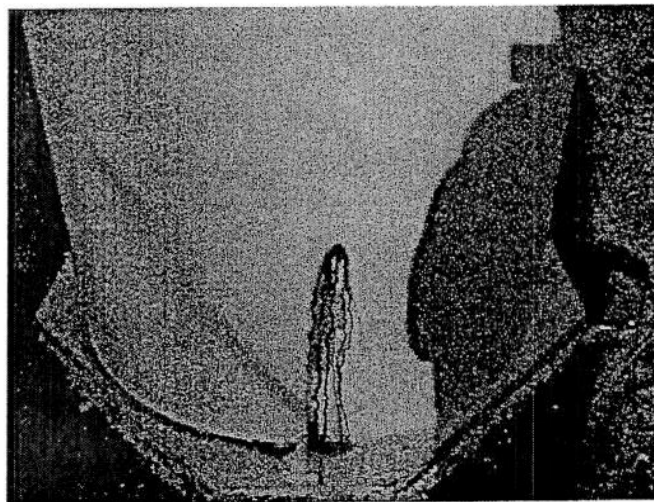


Photo #4 Exterior Coating System where a leak has formed from interior corrosion.

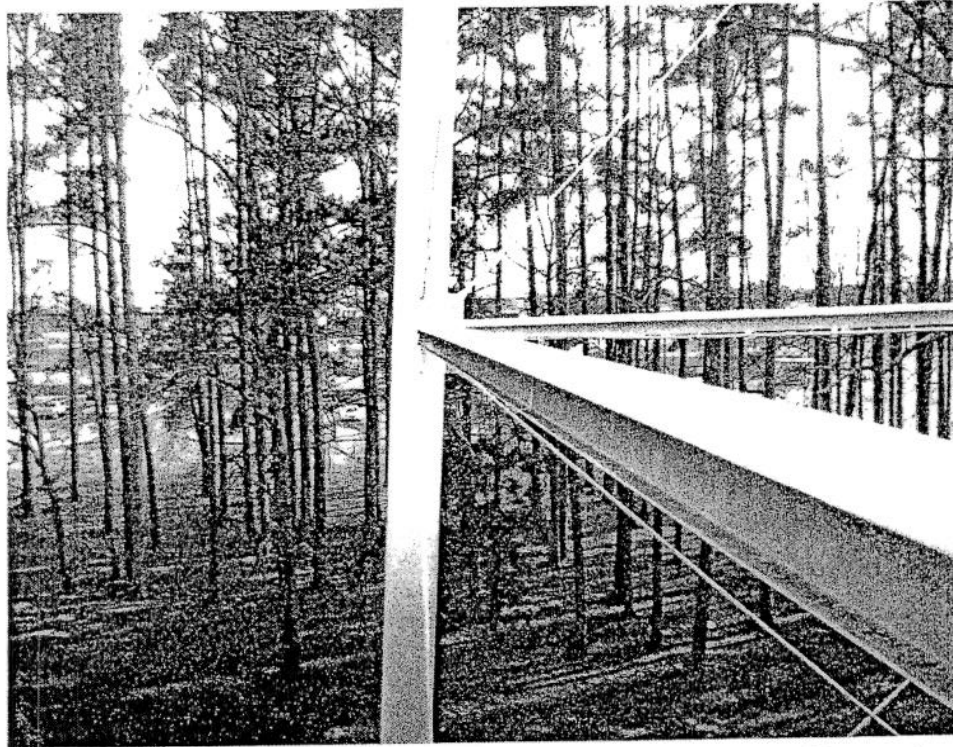


Photo #5 Exterior Coating System on the strut exhibits mildew and mold growth.

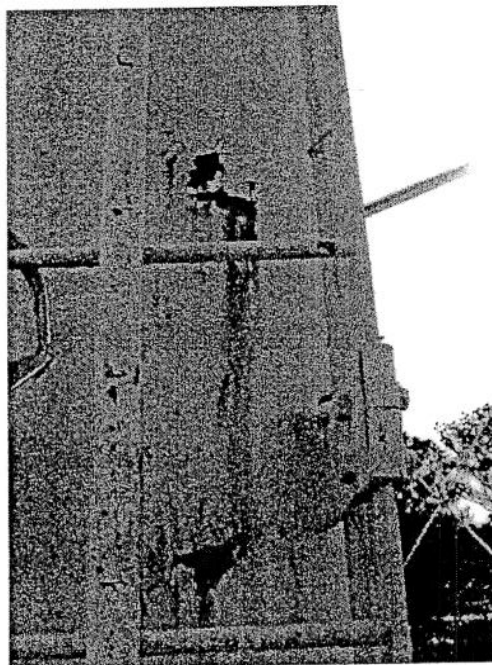


Photo #6 Exterior Coating System on the access ladder leg.



Photo #7 Exterior Coating System on the struts.

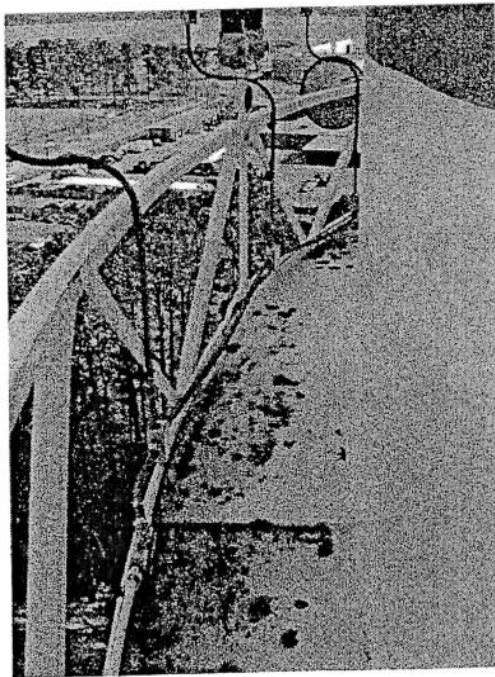


Photo #8 Exterior Coating System with heavy corrosion on a large area of the balcony.

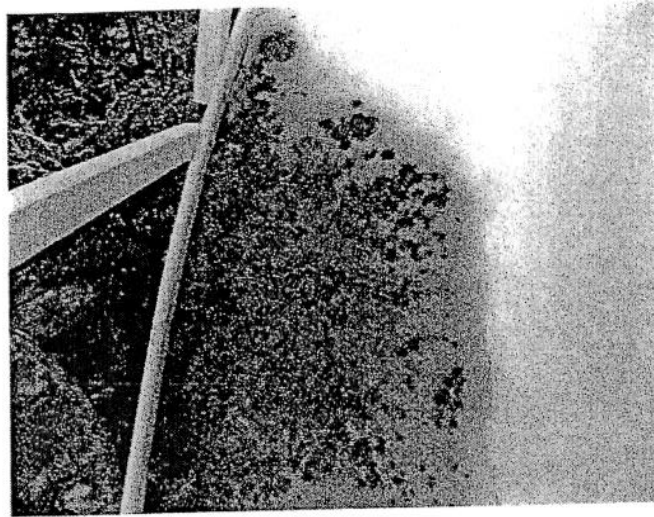


Photo #9 Exterior Coating System where heavy corrosion exist on the balcony floor.

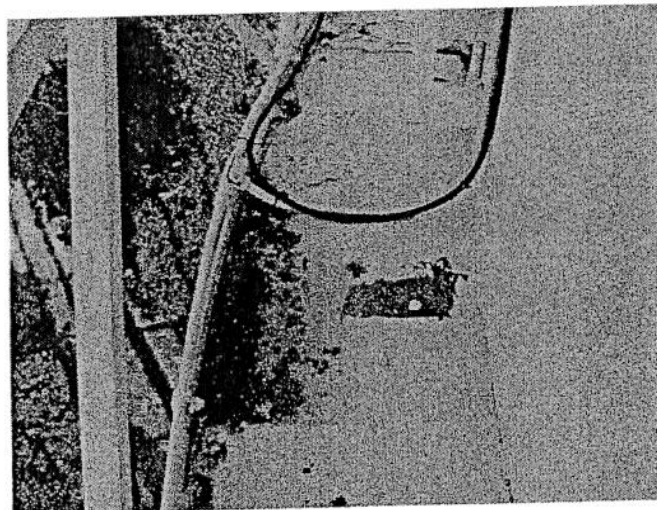


Photo #10 Exterior Coating System on the balcony are beginning to fail.

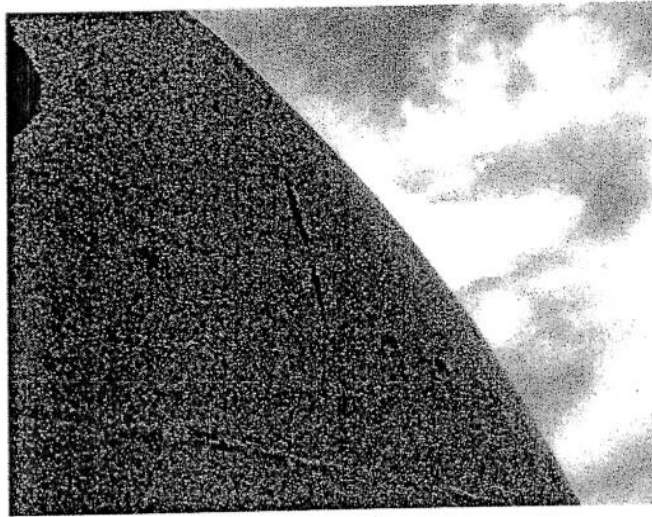


Photo #11 Exterior Coating System on the sidewall shows failure and flaked coatings.

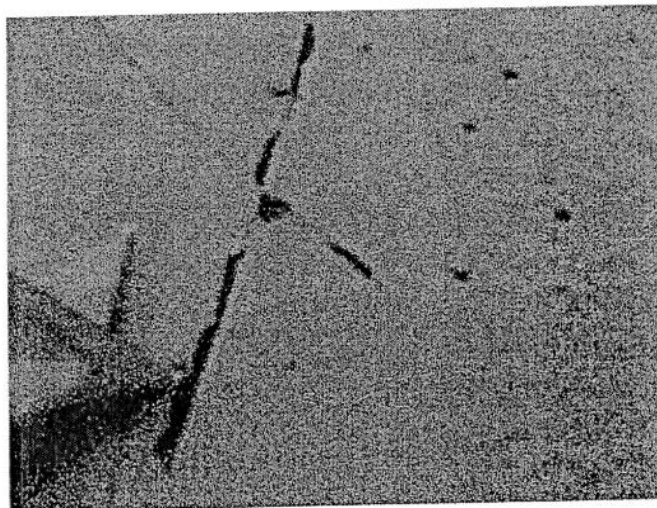


Photo #12 Exterior Coating System showed poor adhesion.

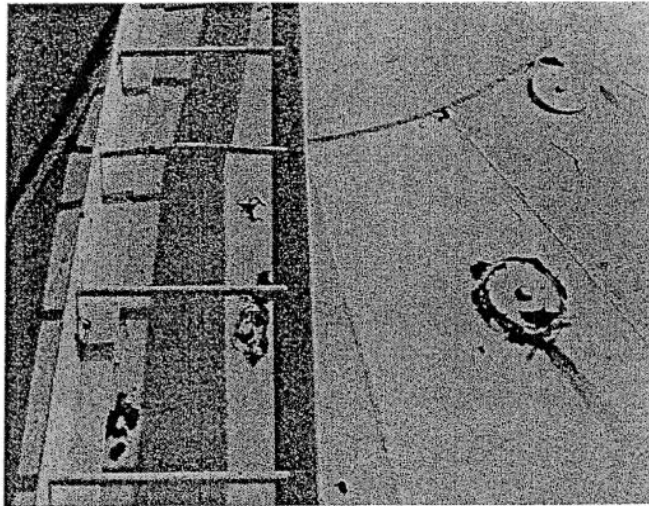


Photo #13 Exterior Coating System on the dome and knuckle is beginning to fail.



Photo #14 Existing vent should be removed and replaced with a minimum 12" diameter.

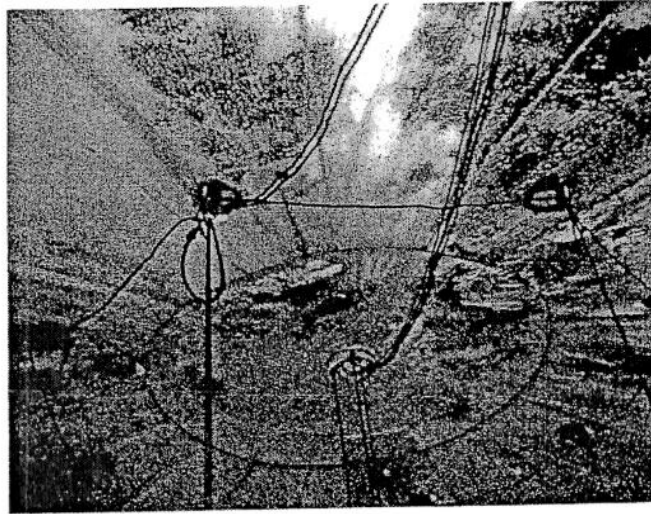


Photo #15 Interior Coating System around the dollar plate is on 35% of the sunstrate.

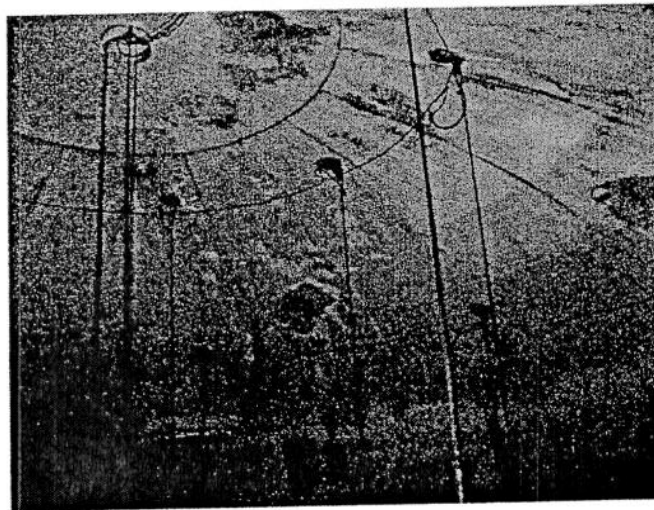


Photo #16 Interior Coating System around the dollar plate.

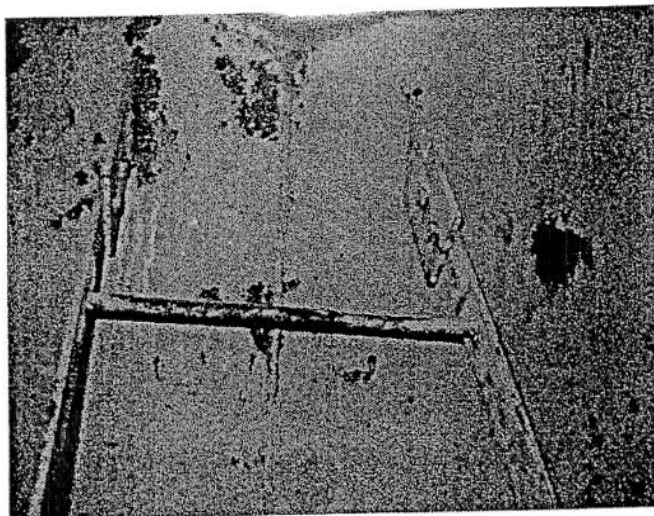


Photo #17 Interior ladder above the high water level.

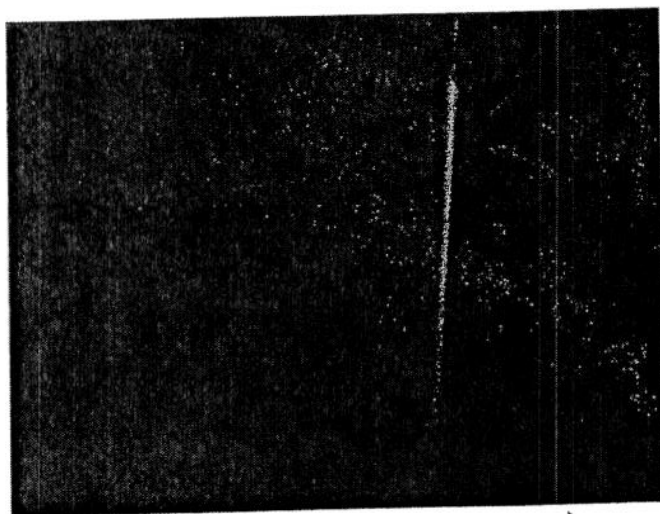


Photo #18 Interior sidewall failed coatings.

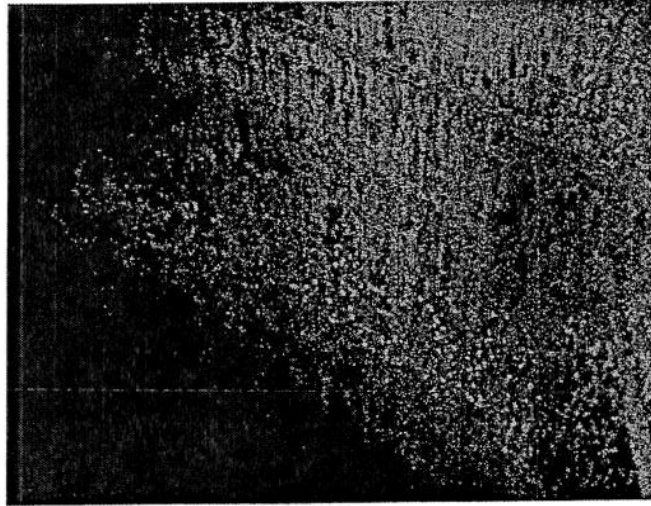


Photo #19 Interior Coating System on the sidewall has failed and is causing heavy corrosion.

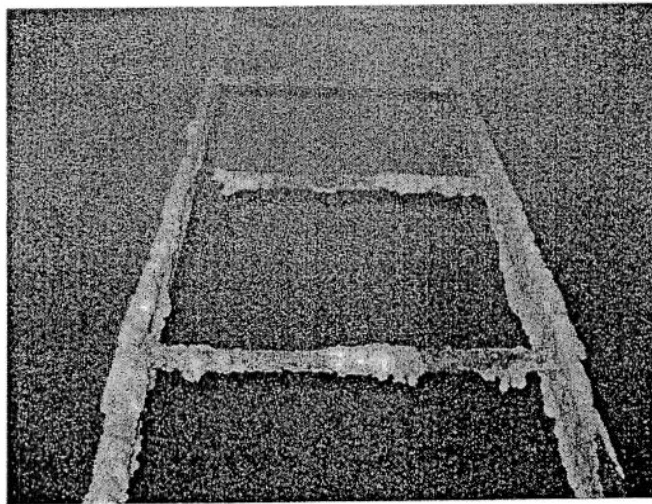


Photo #20 Interior ladder exhibits heavy corrosion.

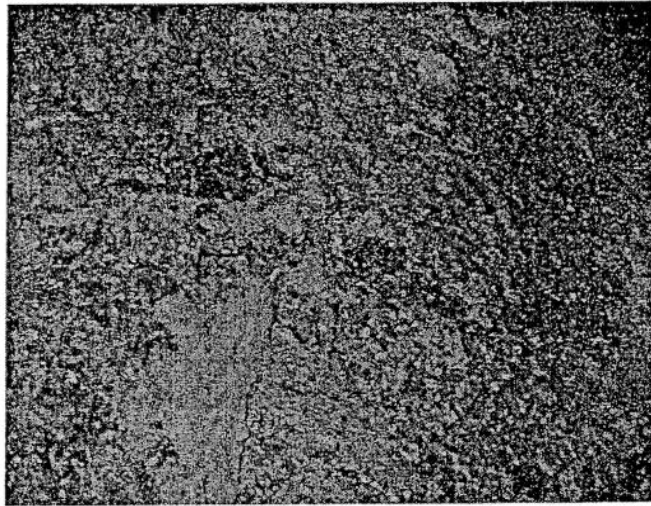


Photo #21 Interior sediment and debris during the washout inspection.

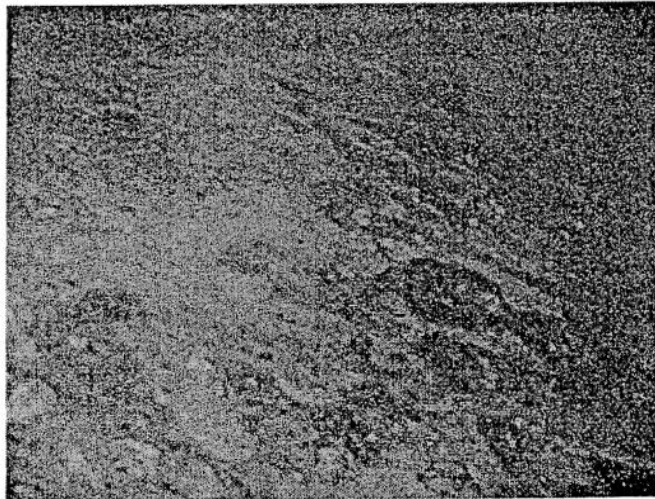


Photo #22 Interior Coating System where coatings failure and a grease film is present.

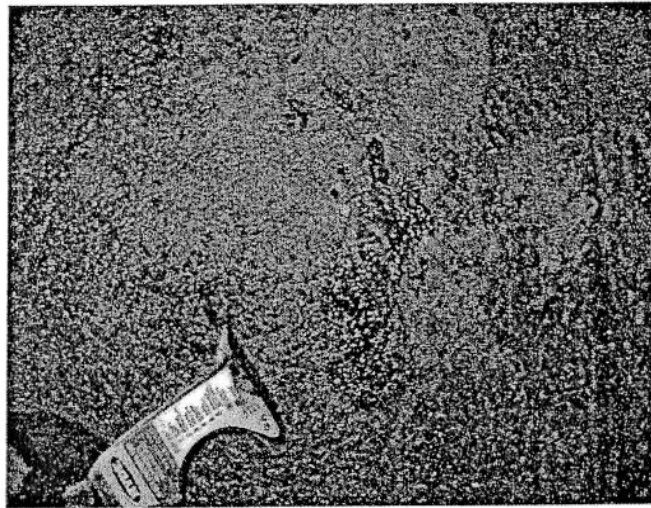


Photo #23 Interior Coating System where blistering is present.

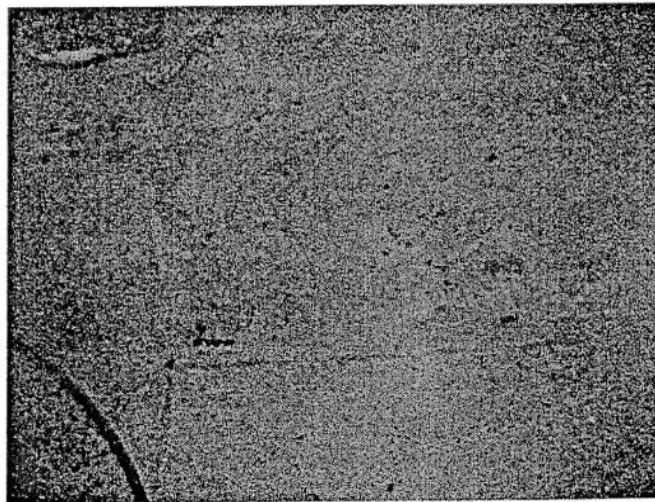


Photo #24 Interior bowl coating system is beginning to fail.

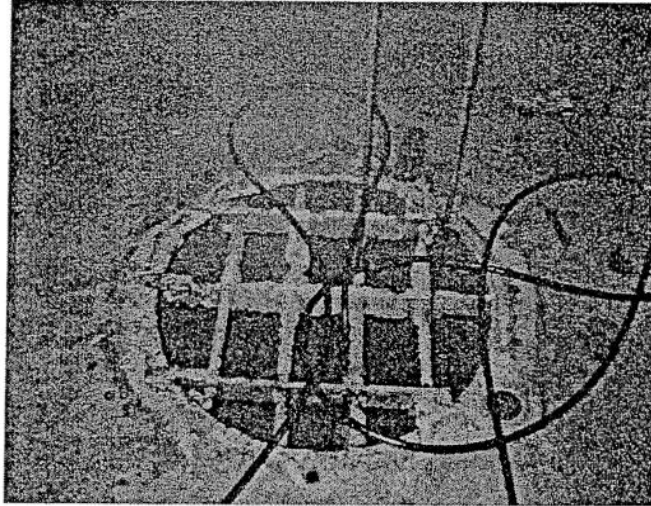


Photo #25 Interior coating and corroded riser grate.

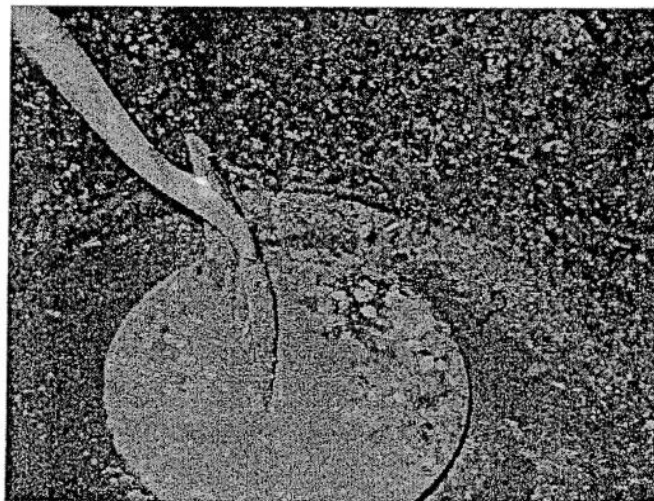


Photo #26 Interior coating system in the riser during the washout inspection.

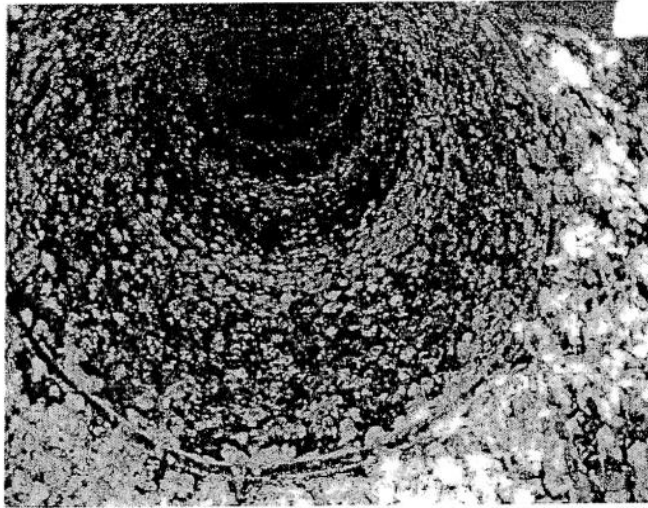


Photo #27 Interior coating system in the wet riser. Heavy blistering and corrosion present.

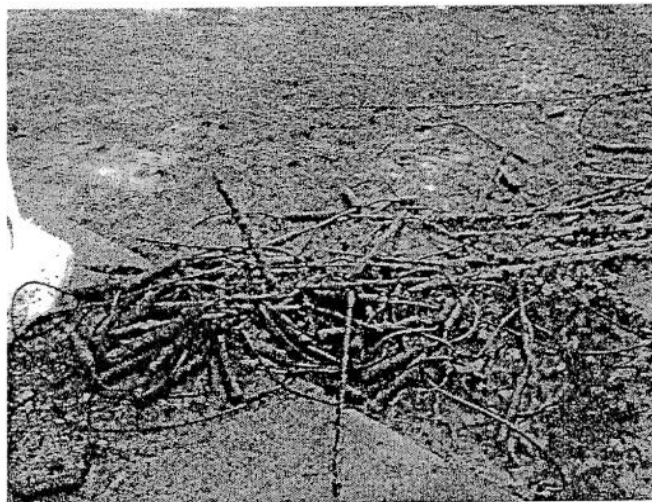


Photo #28 Debris removed from the interior of the tank.

Note: Revised SOW and Site Visit Q&A pending.